




Washington State Transportation Framework Partnerships Across The State

Project Status Reports 2002 Catalog

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Status as of December 10, 2002

The last month and a half has been very productive for the WA-Trans project. New partners added; work progressing on deliverables, new steering committee members have been added and major communication efforts have been undertaken.

Partner Group Meetings and News

The Partner Group meeting schedule for 2003 is as follows:

>> *March 13, 2003*

>> *June 10, 2003*

>> *September 9, 2003*

>> *December 11, 2003*

All meetings will be from **9:00 a.m. - noon** at the **Transportation Building in Olympia**. The address is: 310 Maple Park Room F22. **Video conferencing will be available with prior notice** in Shoreline, Vancouver, Wenatchee, Yakima and Spokane at the WSDOT regional headquarters offices. We can also allow outside conference networks in with prior warning and provided the information needed about the facility is available. Please put these meetings in your calendars.

At the December 10 meeting Lisa Stuebing presented on the Federal Geospatial One-Stop effort and specifically on the RoadMAT effort lead by the USDOT Bureau of Transportation Statistics, which she is actively involved. The data exchange standard they are working on is under review for ANSI and ISO approval. They will begin working on other transportation standards soon as well. Nancy Tubbs from the USGS gave an update on the National Map efforts in the Pacific Northwest and the changes in scope they are making as a result of homeland security and funding changes. This presentation can be found in the "Presentations" section of our website. Thanks to Lisa and Nancy for presenting.

The March meeting will feature Wendy Hawley from the U.S. Bureau of Census presenting on the Census TIGER/MAF Modernization project and how it related to WA-Trans.

New Partners

The following groups have agreed to be partners. They are Lewis County, Jamestown S'Klallam Tribe, Makah Tribe, Muckleshoot Tribe, Samish Tribe, and Tulalip Tribe. The Bureau of Indian Affairs is also being approached and time has been spent with the Port of Seattle to bring them into a more active partnership.

Grant Strike Team

A team is being put together to work on finding funding opportunities for WA-Trans. It is called the Grant Strike Team and it is going to search for grant opportunities and write first draft grant proposals and refine them to submit for WA-Trans. This team is also going to work on the I-Plan. An I-Plan must be submitted to the Federal Government for each state and theme to qualify for several types of federal funding.

We are looking for volunteers to participate on this team, to be lead by Lisa Stuebing of Mason County. We are looking for four to six people to spend around five hours a month on this effort. It would be good if we could have non-steering committee member participating in this effort. The meetings can be attended by phone or videoconference if needed and the work exchanged by e-mail. Please contact Griffit@wsdot.wa.gov or ls@co.mason.wa.us.

Administrative Assistance Needed

The WA-Trans project needs a part-time administrative assistant to assist with note taking, web page updating, grant proposals, editing documents, developing communication materials, setting up meetings, etc. We need funding for this. We are looking for \$11,748 - \$17,903 per year for this through Phase I. If this were split between 5 groups it could cost as little as \$2,500 and it would help the project significantly. If your organization can help please contact Griffit@wsdot.wa.gov.

Steering Committee Meeting and News

The Steering Committee met November 18 in Shoreline. The meeting included a demonstration of the Internet application the Chuck Buzzard of Pierce County is developing for WA-Trans to use to gather information about requirements specifications including priorities, data needed, data available and many other things. This application will be initially used by the steering committee but eventually to be used by all involved. Information about it can be found on the presentation for the WA-Trans Partners December 10, 2002 meeting. We tested and demonstrated the application and Chuck went back with a final round of changes and we should begin using it shortly. The group also began strategizing for a pilot project. It was recognized that vertical integration is critical for success of any framework effort. The State Agencies and Federal Government have to begin using local data. Pilots that facilitate this and meet a business needs will demonstrate WA-Trans the most successfully and may lead to long term funding.

The steering committee meets next in Olympia from 9 a.m. - 2 p.m. on January 6, 2003.

New Steering Committee Members

The following members with corresponding representations have been added to the steering committee:

Blanchard Mat - Makah Tribe, Makah Tribal Transportation Planner

Patricia Paul - Tulalip Tribe; Tulalip Tribe Community Development Manager (note - Tulalip Tribe must approve this level of involvement for Patricia).

Dave Wolfer - Natural Resource Organizations, Department of Natural Resources.

Communication Activities

Tami is presenting an overview of WA-Trans on December 17 to the Combined MPO/RTPO/WSDOT Coordinating Committee Meeting in SeaTac. This will be a high level presentation to statewide transportation planners and decision makers regarding transportation priorities for the state. She will leave them with the message that we will be asking them what data they have and that this is useful for a variety of functions.

Tami attended a meeting with the Port of Seattle and hopes to get a meeting with a business planner for them who can provide business needs and maybe identify a regular point of contact. Tami is attending a meeting with some WAGIC people and the Department of the Military and the state Emergency Management Office. She will try to get a contact to represent military business needs for WA-Trans.

Brochures, bookmarks and other communication materials have been developed. If you would like some copies contact GriffiT@wsdot.wa.gov.

New WA-Trans Website!!

The new WA-Trans website is ready for "prime-time". Please go out and look at the new FAQs, Acronyms, and Links page. Please check your organizations links to see if the correct one is being used. Send GriffiT@wsdot.wa.gov a new link if you would prefer a different link. There is also a feedback form and a new way of sharing presentations that is more interactive than Adobe Acrobat *.pdf is. Please let us know what you think!

Project Deliverables

Business Needs Specification - This document is being used for the Requirements Specifications process. The Steering Committee is still to identify business partners that have not yet been represented by the document. It is felt that we still need information from military, economic data from organizations such as Department of Social and Health Services, Employment Securities Department, local economic development organizations and some private companies.

Requirements Specifications - Please see the Steering Committee Meeting and News above for details about the Internet Application that is supporting this process. We will be looking at business needs prioritizations, data needs, data availability, data quality such as format, key fields, accuracy, currency, GIS functionalities supported as well as maintenance, data stewardship, security, integration and other items. This is underway in the Steering Committee and will take a few more months to complete.

Work Plan - The work plan is complete through Phase I to the satisfaction of the steering committee. Work is underway to better define pilots in Phase II.

Risk Assessment - The first draft of the risk assessment is complete. It has been presented to the Steering Committee and the Partners Group. It will be updated as feedback is gathered.

Communication Plan - A formal communication plan will be developed after the holidays.

September 2002 Status

Much of the last month was spent in very fruitful outreach. The WA-Trans Project is adding new partnerships and becoming more visible. It is hoped this momentum will lead to funding and resource sharing opportunities. Substantial progress is being made on needs and requirements analysis with the steering committee and other concerned groups.

Partner Group Meeting and News

We have several new partners involved in WA-Trans and a couple of major outreach efforts underway that are described here. In late September Nancy Tubbs and Tom Servatius of the USGS, and Wendy Hawley of the Census Bureau traveled with Tami Griffin to several counties in the north east part of the state to discuss the National Map Pilot expansion, WA-Trans and the Census TIGER Modernization project. The goals were to exchange information, determine what their business needs were, solicit partnerships and show the links between the three projects. As a result Ferry, Lincoln, Pend Orielle and Stevens County have all agreed to become WA-Trans partners! We welcome each of you from those areas.

Tami attended the Central Puget Sound GIS Users Group at Mercer Island where King County Metro gave a presentation on T-Net. T-Net is a King County "transportation framework" which is underway. More information on that follows under the Related Projects section. Then Tami met with Mike Berman who is the project manager for T-Net and King County Metro and specifically the T-Net project have agreed to partner in WA-Trans. There are many potential opportunities from this partnership as the goal is for all of King County data will be available through T-Net. This would significantly facilitate WA-Trans use of data from the King County area. Additionally King County Metro ultimately wants data from surrounding localities for T-Net so it is a regional network. We can help there.

The next meeting is scheduled for December 10, 2002 in Olympia and it is anticipated that Wendy Hawley of the U.S. Census Bureau will give a presentation on the Census TIGER Modernization project and how it relates to WA-Trans

Steering Committee Meeting and News

The Steering Committee met on September 30 in Spokane. It was an excellent meeting and was well attended. Several steering committee members from the west side of the state traveled east for the meeting! A few attended by videoconference and phone. Decisions were made about how the application being developed by Pierce County should be configured to handle the various processes of

- >>Prioritizing business needs
- >>Determining functionality which must be supported to meet the business needs
- >>Determining data which must be available to meet the business needs
- >>Determining what data is available
- >>Determining accuracy needed to meet the business needs

The process defined by Pierce County and refined by the Steering Committee is as follows:

Determine GIS functions which must be supported to meet each business need (completed by the Steering Committee)

Determine minimum acceptable accuracy for each business needs (to be done for each business need by those who collected them)

Prioritizing each business need by business function or representative based on importance to that business function (the Steering Committee will initially do this and then others may be asked to participate)

Determine the data needed to support each business need (Pierce County to do first cut and Steering Committee to

refine)

Outcome: The outcomes of steps 1 - 4 are prioritized functional requirements and prioritized data requirements for WA-Trans.

Determine what data is available statewide and what accuracy it is.

Outcome: Prioritized list of available data

Determine data format, and key database relationships for the available data.

Outcome: Integration tasks and software required to integrate the data.

Overall Outcomes - Data and priorities to use in deciding which business needs can and should be implemented first, data information to use in developing or selecting a data model, information to determine which business needs can be implemented in a pilot, information to select geographic areas for a pilot.

It is likely partners will be asked to participate in portions of these activities. Your input will be very important!!

We are still looking for a natural resources representative and some tribal input on the Steering Committee.

The next steering committee meeting will be in Seattle at the WSDOT Northwest Region Headquarters Office on November 18 from 9 a.m. - 2 p.m.

Communication Activities

An outreach to solicit tribal involvement is underway. Tami met with Colleen Jollie, WSDOTs Tribal Liaison and got a lot of help and contacts. Colleen is very excited about any effort that includes the tribes and is very supportive.

In late September Tami traveled to Neah Bay to meet with Blanchard Mat, Makah Transportation Planner, Kyle Kitchel, BIA representative from Portland and David Frey, Eastern Washington University Tribal Technical Assistance Program. They provided new business needs. Tami also visited the Colville Roads Office while in Eastern Washington. She spoke with Wayne Kensler from the BIA while there. Unfortunately the Transportation Planner from the tribe was unavailable. Then Tami attended a Tribal Transportation Meeting where she made a lot of contacts that she will shortly be following up with.

Tami also met with the Planning Office at WSDOT who will facilitate her speaking to a combined committee of MPO and RTPPO members statewide about WA-Trans. This should provide opportunities for further outreach with local governments and possibly tribal nations as well.

Project Deliverables

Business Needs Specification - This document will always be added to as the "written record" of the desires for WA-Trans but as described previously work is underway to define requirements specifications from the document as it stands now. Major changes will still be considered for the requirements specification process, but it is felt that the document will have to be used as it stands so the project can progress.

Work Plan - The work plan is complete through Phase I to the satisfaction of the steering committee. Work is underway to better define pilots in Phase II.

Risk Assessment - The risk assessment is partially complete. The first draft of this document should be available by the end of October.

Communication Plan - Project communication is an ongoing activity and these reports of the WA-Trans web site are part of that effort. The web site is being revised significantly. Project brochures are being developed as well. Permission is being sought from the WSDOT Communications Office for the development of a logo for the project. If anyone has any design ideas contact Tami.

Funding

Tami is looking for funding to share the support costs of a part time administrative assistant for the project. This individual would seek grant opportunities and applications, draft applications for grants, work on written communication for the project, take notes of meetings or transcribe Tami's notes (not a small job!!) and other supportive tasks. This would provide more time for Tami to do project planning, project management deliverables and communications!! Specific costs are still being figured but we will need assistance to pay for this individual unless some other alternative can be discovered.

Pilots and Related Projects

Geo Spatial One-Stop RoadsMAT - A data model has been produced by this group and was submitted to ANSI for approval. Ron Cihon of WSDOT and Lisa Stuebing of Mason County are both participated in this team in Washington D.C. The next meeting is in late October. This effort is to produce a data exchange standard for roads data. They will work on other transportation modes after that. The IRICC Roads Committee is planning a meeting between Oregon and Washington and some Federal Agencies in Vancouver, WA on December 11 from 9 a.m. - noon to discuss what is happening on this effort. That meeting will also investigate other related Federal and State efforts. Oregon has participants in RoadsMAT that will be attending as well. Contact Tami if you are interested in attending.

RFQ for Road Centerline Data - This data is now in use. Feedback on the usefulness of the data will be kept and considered. Please contact Ron Cihon (CihonR@wsdot.wa.gov) for more information.

National Map Washington Idaho Pilot - The pilot in Spokane and Pend Orielle Counties as well as two Idaho counties should be available very soon online. As soon as it is generally available we will provide the URL to look at it. The project is being expanded to Ferry, Lincoln and Stevens counties in Washington and three more Idaho counties. See above for more information about visits to those counties.

National Map Pacific Northwest Rapid Implementation - is an effort to use the best data available with no cost to produce an implementation of the National Map for those states.

Action Items

Both the steering committee and the partner groups have lists of action items that are detailed and can be found under their various work sections of the WA-Trans web site.

August 2002 Status

The WA-Trans project is continuing to move forward a some real progress is being made in completion business needs assessment and establishing new partnerships and ways to share resources.

Partner Group Meeting and News

The WA-Trans Partners met again on September 10, 2002 in Olympia. Several attended by videoconference and one by phone. There were quite a few first time attendees. Action items were developed and there were several presentations about on-going activities that are related to the transportation framework. Highlights of what was shared are covered in the Project Deliverables and the Pilots and related sections that follow in this report.

The next meeting is scheduled for December 10, 2002 in Olympia and it is anticipated that Wendy Hawley of the U.S. Census Bureau will give a presentation on the Census TIGER Modernization project and how it relates to WA-Trans.

New partners include: King County Office of Emergency Management, City of Seattle Public Utilities, Seattle Department of Transportation, Walla Walla County.

Steering Committee Meeting and News

The WA-Trans Steering Committee met August 26 in Olympia. They scheduled meetings through June 2003. They worked on various project deliverables, particularly extracting functionalities that WA-Trans must support to meet the business needs specified in the Business Needs Specifications. Pierce County is going to provide significant extra assistance to this process and their help is greatly appreciated by all!

Joe Bowles of Walla Walla County has agreed to participate in the WA-Trans Steering Committee representing the east side local and county governments. The only unfilled steering committee position is for the Washington Department of Natural Resources. It is hoped that position will be filled soon.

The next steering committee meeting is September 30 in Spokane.

Project Deliverables

Business Needs Specifications – This document is a work in progress but the steering committee has begun the process of extracting functional requirements and data requirements from the document. Individual business function priorities for each business needs are also being gathered. It is expected that while new business needs will come up, enough have been gathered to facilitate a good understanding of the GIS functionality WA-Trans must support and the data that needs to be considered in the model and standards. Work continues gathering business needs from currently un-represented groups such as the military and tribes.

Work Plan – The work plan is complete through Phase I to the satisfaction of the steering committee with the exception of the section outlining tasks for developing data sharing agreements. This section will be modified and presented at the next steering committee meeting.

Project Charter – The project charter is being modified so the concept of a partnership is included and much of the “stakeholder” language has been removed. Critical success factor three has been added to. Both the steering committee and partners have agreed to these changes and the new version will be put on the Web Site.

Risk Assessment – The risk assessment is partially complete. A target date of October 18 has been set to complete a full draft of this document.

Communication Plan – Project communication is an ongoing activity and these reports of the WA-Trans web site are

part of that effort. However a formal plan has yet to be developed. That work will begin once the risk assessment is done.

Funding

A proposal for homeland security funding was submitted to FHWA and FEMA. FHWA responded very positively to the proposal and the importance of WA-Trans. However, they don't at this time have discretionary money for homeland security. If they have discretionary funding in the future they would consider this project a high priority. FEMA provided a contact to work through. At this time we are unable to reach the contact. It is almost the end of the federal fiscal year so attempts will be made again next year.

Weston Solutions volunteered to provide resources on an as-needed/as-available basis for implementation of various parts of WA-Trans. An investigation into public/private partnerships is underway so when the time is right WA-Trans can take advantage of this offer. We greatly appreciate their willingness to participate in this way.

The U.S. Census Bureau has also offered to provide in-kind resources. Resources may include loaning of equipment, processing of data (imagery, GPS points, etc), and possibly even dedicated staff time.

Partners are encouraged to pursue any other grant opportunities that they know of and to bring them to the group. Business needs definition may also help generate funding opportunities.

Pilots and Related Projects

Geo Spatial One-Stop RoadsMAT – A data model has been produced by this group. Ron Cihon of WSDOT and Lisa Stuebing of Mason County both participated in this team in Washington D.C. in July. There are some outstanding issues to be resolved so they will be meeting again in October. This effort is to produce a data exchange standard for roads data. They will work on other transportation modes after that. They are applying for ANSI acceptance and the model is based on the FGDC Transportation Framework Standards developed previously. For more information contact Ron Cihon at CihonR@wsdot.wa.gov.

RFQ for Road Centerline Data – A contract is being written and inter-agency agreements are under development to make the purchase of data as a result of an RFQ Washington State Department of Transportation released. GDT was the successful vendor and Washington State Patrol and the Washington Utilities and Transportation Commission will partner with WSDOT on this purchase.

National Map Washington Idaho Pilot – The pilot is ongoing in Spokane and Pend Orielle Counties as well as two Idaho counties. There is data available that can be seen as a result of this pilot. As soon as it is generally available we will provide the URL to look at it. The project is being expanded to Ferry, Lincoln and Stevens counties in Washington and three more Idaho counties.

National Map Pacific Northwest Rapid Implementation – is an effort to use the best data available with no cost to produce an implementation of the National Map for those states.

Action Items

All partners please read the Business Needs Specification Draft and provide feedback within the next two weeks (September 30, 2002). There is a limited window to work on this document or the project will not progress.

Both the steering committee and the partner groups have lists of action items that are more detailed and can be found under their various work sections of the WA-Trans web site.

July 2002 Status

Steering Committee Meeting and News

The first WA-Trans steering committee meeting was held July 16 in Olympia. Some highlights from the meeting include:

- Roles of the steering committee were defined by members in detail including the need to represent "constituencies". Each member represents some group or groups of interests in the project. They may or may not work with those they represent. Those groups that are unrepresented can contact any member or the project manager who represents all interests of the project where possible.
- Rules of engagement were defined or identified where possible. A decision making process was defined, as well as commitment requirements, action items handling and documentation required.
- The WA-Trans Business Needs document completed initially for WSDOT was discussed and action items were assigned for gathering needs in the rest of the state. Please work with your representative or Tami to make sure your needs are represented in that document. The draft presented to the steering committee is on our web site. A start was also made on a process to prioritize business needs.
- The Phase I work plan was discussed and will be changed based on feedback. There was work done on a plan for actually building the statewide basemap, but this will change based on decisions made during Phase I and what pilots are performed and at this point should be viewed as only a placeholder.

Other news regarding the steering committee includes changes to our project web page. The page has been reformatted to create a separate section for the steering committee activities and representation and partner activities. Please check the steering committee section to read detailed meeting notes, action items and the rules under which the steering committee will operate.

Two new members are now participating in the steering committee. Chuck Buzzard from Pierce County will represent counties and local governments, particularly in the west. Roland Behee from Community Transit in Snohomish County is also participating representing transit.

The steering committee will meet again August 26 in Olympia. Plans are underway to rotate meeting locations to facilitate fair travel needs.

Project Deliverables

Work Plan – A first draft of our work plan is complete with detail through Phase 1. Phase 3 is estimated using a pilot Oregon did in Wasco County for the process and timelines. This plan was reviewed for completeness at the July Steering committee Meeting. Adjustments have been made and further review will determine better the level of steering committee involvement in Phase I.

Business Needs – The business needs document is completed for WSDOT. This document will become the basis for the overall business needs gathering effort. The steering committee agreed to try to complete this document as much as possible in the next two meetings. The project manager is trying to get business needs as time allows from unrepresented groups such as municipalities, tribes, military and others. This will take some time. The steering committee will try to get feedback and input from those they represent. Risk Assessment – This document is underway and will be completed as time permits.

Funding

A proposal has been developed in an effort to gather funding based on homeland security needs that could be met by WA-Trans. In order to qualify for some grants it is important to define the contribution of the State of Washington. The project manager will be asking for estimates of cost and time that is being committed to participating in Phase I and eventually in actually constructing WA-Trans.

WSDOT has also submitted a decision package to pay for a portion of the estimated cost of WA-Trans. It does not appear that this package will move forward. However it is hoped that distribution of the WA-Trans Business Needs as defined for WSDOT will help generate interest and possibly future funding.

Partners are encouraged to pursue any other grant opportunities that they know of and to bring them to the group. Business needs definition may also help generate funding opportunities. In kind resources have already been made available when we are ready for them from US Census Bureau, and other federal organizations.

Pilots and Related Projects

Geo Spatial One-Stop - The Bureau of Transportation Statistics at USDOT is trying to develop a nationwide standard and data model for transportation framework. Ron Cihon of WSDOT is participating in the modeling effort as is Ed Arabus of the Oregon effort which we are working closely with. Tami Griffin and Jerry Harless on the steering committee are participating as reviewers. George Spencer of WSDOT is also reviewing. The first meeting of modeling the road layer was held in Washington D.C. in July and some work was completed. We should be able to review it soon. WA-Trans will need to be compliant with this standard if at all possible.

Oregon T-FIT - The ODOT is working on a data model for their state transportation framework. The first version of this model was reviewed at the IRICC Roads meeting. It was a SQL based model that was very streamlined. The model has to be tested with various software and data sets but could provide some information that will be very helpful to WA-Trans.

RFQ for Road Centerline Data - WSDOT developed and released a Request for Proposal for purchasing road centerline data with addresses and routing for the State of Washington. There may be a partnership established between some State agencies to purchase this data. This is not for WA-Trans but much can be learned about this option as a result of this effort, which can assist WA-Trans. GDT was the successful vendor of this RFQ. If you represent a state agency and wish to investigate partnering options please contact Ron Cihon at cihonr@wsdot.wa.gov or 360-709-5510.

National Map Pilot - The USGS has received some funding and approval to expand the National Map Pilot in eastern Washington and Northern Idaho to 6 additional counties (3 in each state). The additional counties in Washington are: Lincoln, Ferry and Stevens. The current pilot include Spokane and Pend Orielle Counties. This effort will assist WA-Trans with data in these counties and it is expected that partnership opportunities may be developed as a result of this pilot expansion.

Forest Monitoring Pilot – the IRICC Roads committee for the Forest Service is running this. At this time we are waiting for CRAB to identify a county to participate as a partner. Other options may be explored due to the tight timeline of this effort.

FGDC Proof of Concept – This is a partnership with Spokane County and WSDOT. This is on hold while we wait to see the outcome of the BTS Geospatial One-Stop effort. It may render the plan a throwaway.

Action Items

Several action items were listed at the last WA-Trans Partners. These include:

- All partners please look at the list of ideas (from the meeting notes of June 11) and determine if you can take ownership of investigating any of them. I need assistance determining grant opportunities and writing grant proposals, contacting potential private partners and many other items on the list.
- All partners follow up with those in your organizations that have authority over money and resources to determine what levels of commitment you might be able to make regarding providing resources, hosting data, providing funds or anything else.

June 2002 Status

WA-Trans Partners Meeting

There was good attendance at the meeting held June 11 in Olympia. Four people attended by videoconference in Seattle and Vancouver and felt it worked fairly well. Some highlights of the meeting include:

- There was a discussion of purchasing road data. WSDOT is doing an RFQ on this. Ron Cihon is taking the lead and he spoke in some detail about this. More recent details follow later in this report.
- George Spencer discussed participating in the BTS Geospatial One-Stop Transportation Framework Standards effort. An effort was made to get local government involvement. Jerry Harless of PSRC agreed to participate as a reviewer. Right now WSDOT has several participants at various levels.
- Brainstorming activities lead to some very good opportunities for raising money. An action item list was sent out with the meeting notes for partners to commit to investigating individual options.
- Dennis Scofield of the Oregon Department of Transportation gave a very interesting presentation on their efforts with the Transportation Framework and Tracey Fuller of the USGS gave a good presentation on the National Map effort and pilots. Several future pilots are being considered for Washington. They hope to eventually get all their road data from WA-Trans.

Project Deliverables

Work Plan – A first draft of our work plan is complete with detail through Phase 1. Phase 3 is estimated using a pilot Oregon did in Wasco County for the process and timelines. This plan will be reviewed by the WA-Trans Steering Committee and they will determine if Phase I is complete and where they need to be involved on July 16.

Business Needs – A business needs document is being developed for the WSDOT business needs that have been collected to date. Dan Dickson from CRAB, a long time participant, is producing a white paper with general business needs collected prior to November 2001. These will be presented at the July 16 Steering Committee meeting and will be made available on our web site. Risk Assessment – This document will be completed after the July Steering Committee meeting.

Funding

WSDOT Geographic Services and the Transportation Data Office are working on a proposal to submit for homeland security money. It includes WA-Trans, completion of the GPS based LRS for state highways and possibly funding for the ortho-photo framework layer.

WSDOT has also submitted a decision package to pay for a portion of the estimated cost of WA-Trans. At this time there is no information about the status of that.

Partners are encouraged to pursue any other grant opportunities that they know of and to bring them to the group.

Pilots and Related Projects

Forest Monitoring Pilot – the IRICC Roads committee for the Forest Service is running this. At this time we are waiting for CRAB to identify a county to participate as a partner. We have received a listing of the data the monitoring project is looking for. FGDC Proof of Concept – This is a partnership with Spokane County and WSDOT. This is on hold while we wait to see the outcome of the BTS Geospatial One-Stop effort. It may render the plan a throw-away.

Vendor Options

WSDOT has been working on an RFQ (Request for Quotation) for purchasing centerline road data from a private vendor. This data will NOT replace WA-Trans nor is it to replace any city or county data. It is simply an option for state agencies that have an immediate business needs for data and can live with six months update cycles and are willing to partner in purchasing the data.

It is expected that the RFQ will be released to the vendors July 3 and responses are expected back by July 12. It lists several scenarios for which costs are sought. Please contact Ron Cihon of WSDOT Geographic Services if you want more information. His e-mail is cihonr@wsdot.wa.gov.

Action Items

Several action items were listed at the last WA-Trans Partners. These include:

- All partners please look at the list of ideas (from the meeting notes of June 11) and determine if you can take ownership of investigating any of them. I need assistance determining grant opportunities and writing grant proposals, contacting potential private partners and many other items on the list.
- All partners follow up with those in your organizations that have authority over money and resources to determine what levels of commitment you might be able to make regarding providing resources, hosting data, providing funds or anything else.
- I need assistance getting more local involvement in the Steering Committee and the partners group. If you have any knowledge of potential partners please contact them to solicit their involvement or send me their names and I will contact them.

Status as of May 2002 Status

Steering Committee Organized

A project steering committee has been organized. There are still some representatives that need to be identified. The participants are listed on the WA-Trans Internet page. It is very likely that participation may change as the project moves on so the group represents the needs of the project. It is anticipated that this group will make major project decisions.

A meeting has been scheduled for July 16, 2002. The topics covered at that meeting include setting the rules under which the group will operate; looking at the work plan for Phase I, approving it and determining the steering committee meeting schedule based upon work plan schedule; and looking at business needs already collected and determining which needs still need to be collected.

Project Deliverables

Work Plan – a first draft of the work plan is complete with detail through Phase 1. Phase 3 is estimated using a pilot Oregon did in Wasco County for the process and timelines. It is the best information available to use for estimating time, but may not accurately reflect the standards, functionality and processes for Washington.

Cost Estimate – A cost estimate has been completed using the data from Wasco County for the labor hours. Additional deliverable costs including the data model were provided in a rough order of magnitude estimate from ESRI. The cost is estimated to be right around 2 million dollars. It may not include the cost of addressing and routing. The Wasco Pilot did not include that functionality and so the additional cost is not included in the estimate. Until the final requirements are determined it is uncertain what the actual cost and schedule will be.

Business Needs – A business needs document is being developed for the WSDOT business needs that have been collected to date. It should be complete in early July. Dan Dickson from CRAB, a long time participant, is producing a white paper with business needs collected prior to November 2001. Risk Assessment / – This document will be completed after the July Steering Committee meeting.

Communication

E-mail was sent to county GIS managers soliciting their involvement in WA-Trans. Island and Clallam Counties have agreed to be partners and to share data. Douglas County expressed interest and a meeting has been scheduled with the GIS Manager in Pierce County for late July to discuss participation. More effort will be made to reach out to County and Local governments. Any ideas on how to do this are appreciated. A status presentation was given to the Framework Management Group of WAGIC on May 16.

Funding

Some meetings have been held regarding funding opportunities. Grant opportunities are being explored and some proposals are being developed. A decision package has been turned in at WSDOT for a portion of the costs. At the next several meetings partners will be asked to determine what kind of resources and funding they may have available to provide. Options will be explored for other funding possibilities.

Pilots and Related Projects

Forest Monitoring Pilot – the IRICC Roads committee for the Forest Service is running this. At this time we are waiting to identify a county to participate as a partner.

FGDC Proof of Concept – This is a partnership with Spokane County and WSDOT. We are waiting for Spokane County to determine their resource availability and to define the individual roles and responsibilities. Geo Spatial One-Stop Transportation Framework Effort – This effort is being run out of the Bureau of Transportation Statistics of the US

Department of Transportation. This is done in conjunction with NSDI and they will consider standards already developed. Some of us from WSDOT will be participating and I have forwarded the requests for participation to some WA-Trans Partners. If you want more information please go to http://www.bts.gov/gis/geospatial_onestop/index.html.

Steering Committee Organized

WSDOT is working on an RFQ for purchasing roads data. Licensing may allow for use outside WSDOT. There are possibilities of using this as a pilot that Ken Dueker and Paul Bender proposed in their paper.

Titan Systems had proposed building a framework for us and leasing it back.

April 2002 Status

Project Name

A request for was sent out for ideas for a "name" or acronym for the Washington Transportation Framework Project for GIS. Several suggestions were received and we have decided to call the project WA-Trans! So from now on that is what will be used for an abbreviated name.

Communication

A great deal of time has been spent meeting with people and establishing new contacts. Contact was reestablished with Puget Sound Regional Council (PSRC) who is still interested in actively participating. Through PSRC contact was established with someone representing freight business needs. Eric Jessup, who is the Director for the Strategic Freight Transportation Analysis Project as well as an Assistant Professor at WSU will be participating. After meeting with Bob Oennings and Dave Irwin for the State E-911 he has agreed to have someone Dave participate. At the beginning of the month at a GIS in Action Conference in Portland, OR and contact was made with some people from Clark County and the City of Spokane, who have begun participating. The FHWA (Federal Highway Administration) has agreed to participate and supports the framework concept. There also may be FHWA grant money to assist in the effort.

This web page was established and the URL e-mailed to partners. The updated charter, the final, final, final version of Ken Dueker and Paul Bender's White Paper, and April status is posted there as well as and updated partners list.

An e-mail notice is being put together to send to the county GIS people to try to engage more of them in participating in the project. If you work for a county you will probably receive that e-mail. There is great appreciation of the current participants!

Deliverables

- Project Charter - the final draft is complete. It has been sent for comment and that is expected by May 10. It is expected a finalized version 1.0 will be available around May 13.
- White Paper - The final version is complete. This final version is posted on this website or at http://www.upa.pdx.edu/CUS/PUBS/project_reports.html
- Work Plan is under development. Assumptions are being developed for the plan. It will be fairly high level beyond phase 1. It will be posted when it is complete and approved.
- Risk Assessment - This document is in progress. Several risks have been identified but exposure levels and mitigation strategies are still to be developed.
- WSDOT Business Needs - on hold until time permits completing documentation. A report for WSDOT on the finding will also need to be developed.

Pilots and Related Projects

- Forest Monitoring Pilot - to be done with the IRICC Roads Committee. This pilot will work in a county with the Forest Service, the county and the State WSDOT. It will use the IRICC standards. They will also look at integrating the hydro framework and roads. The Forest Monitoring Team is on a tight timeline so this pilot will be more of a learning experience for WA-Trans. Their experiences with the IRICC standard will help decide how that standard would work for WA-Trans. It may or may not apply directly to what WA-Trans are doing but some valuable lessons should be learned from it. Dale Guenther of the Federal REO, a partner on WA-Trans, is putting together a plan.
- National Map Pilot - the National Map Project of the US Geological Survey is conducting a pilot with Spokane, Pend Oreille and two counties in western Idaho. Ian Von Essen of Spokane County, a partner in WA-Trans, is heavily involved. There is a possibility of developing a small proof of concept with Spokane County as a part of this. At a minimum they are developing an FGDC compliant data standard that the WA-Trans project needs to look at closely when we are discussing data standards.
- Oregon Transportation Framework Pilots - Oregon is moving ahead with trying to develop a transportation framework. Their FIT (Framework Implementation Team) for transportation has been meeting monthly. They have set up several grant efforts. One of those includes working with ODOT to design and develop a data model, which will work on a variety of standard SQL database engines. The goal is a software independent data model. They will focus on segment identifiers and standards. The data model is to be done by July. Then they will design the maintenance effort. After that they will put in the roads for 3 counties and test the concept. This is a very interesting effort that needs to follow closely. It could provide opportunities for WA-Trans to do something similar!
- The Combined Transportation Inventory is planned to be a database that would replace WSDOT's Functional Classification Database. This database is used to store information about all roads statewide, which are used in certifying highway miles to the FHWA. These miles are used in formulas by the Federal Government to provide funding for roads. The goal of the Combined Transportation Inventory is to make the functional classification data more useful for more purposes and organizations. This database will store data that is highly related to transportation framework data. Many of the same partnerships will exist for both efforts. Tami will be participating in this effort to make sure they will align when the time comes.

Steering Committee

The first cut of the steering committee membership is together. Those participating will be contacted by mid-May. It is expected that the first meeting will be set up in July and then probably monthly after that. This is still a need for more local participation and hope the outreach to the counties will bear fruit in that regard. When the membership is finalized a list will be sent out and the information posted on the web site.

Status as of March 2002 Status

Meetings

The first meeting of the project stakeholders was held on March 13th in Olympia. A new project charter was provided and feedback was sought. Ken Dueker, Ph.D. from Portland State University's School of Urban Studies was commissioned by WSDOT, using a USGS Grant to write a "White Paper on Issues and Strategies for Building a State Transportation Framework", which Ken presented at the meeting. Please see Project Documents to review those documents. Feedback was requested on this paper as well. It was announced that a steering committee is being formed to meet regularly (at least monthly). This committee will make on-going project decisions. It was also identified that this project and the overall deliverable needs a name. The project is seeking ideas for names. Please see Meeting Minutes to review the notes from this meeting.

On-going Activities

National Map Pilot and Trans Framework Prototype Effort

The USGS is working with Spokane County, Pend Oreille County, and two counties in Northern Idaho. They are developing several layers, one of which is roads. They are working with Ian Von Essen, who is a stakeholder from Spokane County. This is an interesting pilot because it includes a county that is GIS enabled and one that really isn't. We have decided to take advantage of the opportunity while Ian is working with the USGS and Pend Oreille County to see if we can do a proof of concept of a distributed model for a transportation framework. We will be looking at setting up shared "nodes" where the roads intersect at jurisdictional boundaries and developing agreements involving the management and maintenance of those nodes. We will also be working on how the data can be integrated between jurisdictions and how we handled different attribution, accuracies and other things. The final deliverables have not yet been fully determined. We are developing a project agreement within the next couple of weeks. This is not really a pilot because there is no guarantee that what is produced will be directly usable for the framework. We don't have requirements yet to allow us to do that. However, it will give us a leg up on the distributed approach and provide us with a very good learning experience.

E-Safety Summit

Governor Gary Locke, and Senators Cantwell and Murray in Olympia sponsored an E-Safety Summit on March 26, 2002. It was organized by the ComCARE Alliance, The Center to Bridge the Digital Divide at Washington State University and the Washington State E-911 Program. This summit was attended by several Transportation Framework stakeholders including: Ian Von Essen (Spokane County), Wendy Hawley (US Census), Tami Griffin (Project Manager) and Ron Cihon (WSDOT). Ian participated on one of the panels and spoke about the need for shared data and introduced Tami as the Transportation Framework Project Manager. It was mentioned several times the need for shared data and data standards across boundaries. There were several opportunities to explain what the project was about and solicit involvement. It is hoped that some real opportunities for expanded participation, funding and resources will eventuate from this effort.

Project Risk Assessment and High Level Schedule

Tami is developing a project risk assessment. This should be available for feedback within the next month. A high level schedule is also to be developed soon.

Business Needs Gathering Effort

This ongoing activity is nearly complete at WSDOT. It is expected that this will take around another month and then a report will be written regarding the benefits and needs identified within the Agency. At that point the effort will shift to business needs of those outside WSDOT. This is a topic that will be taken up with the Steering Committee. It is expected that a variety of methods will be used to collect business needs. There is also a need to develop a method of documenting and tracking business needs collected.